AMENDMENTS TO CLAIMS

- 1. (Original) An apparatus for making up large diameter conductor casing having threaded connections comprising:
 - a fixed grip head comprising a pair of straps adapted to grip a first joint of conductor casing to prevent rotation thereof, wherein one end of the straps are connectable by a latching mechanism, and the other end of at least one of the straps is attached to a strap tensioner operable to tension the straps, and
 - a plurality of movable arms operable to apply a retaining force to a second joint of conductor casing to maintain the second joint of conductor casing in rotational contact with one or more drive wheels on a spinner means,
 - the spinner means operable to rotationally make-up a threaded connection connecting the second joint of conductor casing to the first joint of conductor casing to an initial make-up torque, and
 - a rotary grip head comprising a pair of straps adapted to grip the second joint of conductor casing and operable to apply a final make-up torque to the threaded connection connecting the second joint of conductor casing to the first joint of conductor casing, wherein one end of the straps are connectable by a latching mechanism and the other end of at least one of the straps is attached to a strap tensioner operable to tension the straps.
- 2. (Original) The apparatus of claim 1 further comprising a pair of support arms on the fixed grip head.
- 3. (Original) The apparatus of claim 1 further comprising a pair of support arms on the rotary grip head.

- 4. (Original) The apparatus of claim 1 wherein one strap on the fixed grip head is anchored to the apparatus and one strap on the rotary grip head is anchored to the apparatus.
- 5. (Original) The apparatus of claim 1 further comprising a second strap tensioner on the fixed grip head, wherein one end of each strap on the fixed grip head is attached to a strap tensioner.
- 6. (Original) The apparatus of claim 1 further comprising a second strap tensioner on the rotary grip head, wherein one end of each strap on the rotary grip head is attached to a strap tensioner.
- 7. (Original) The apparatus of claim 5 wherein one of the strap tensioners is adjustable to accommodate a range of conductor casing diameters.
- 8. (Original) The apparatus of claim 7 wherein one of the strap tensioners is a hand adjustment cylinder.
- 9. (Original) The apparatus of claim 6 wherein one of the strap tensioners is adjustable to accommodate a range of conductor casing diameters.
- 10. (Original) The apparatus of claim 9 wherein one of the strap tensioners is a hand adjustment cylinder.
- 11. (Original) The apparatus of claim 2 wherein the lengths of the fixed grip head arms may be telescopically extended to close about the first joint of conductor casing.
- 12. (Original) The apparatus of claim 3 wherein the lengths of the rotary grip head arms may be telescopically extended to close about the second joint of conductor casing.
- 13. (Original) The apparatus of claim 1 further comprising a retaining roller attached to the distal end of each retaining arm.

- 14. (Original) The apparatus of claim 1 wherein the rotary and fixed grip heads are adapted to grip conductor casings ranging from 16 inches to 48 inches in diameter.
- 15. (Original) The apparatus of claim 1 wherein the strap tensioners for the rotary and fixed grip heads each comprise a hydraulic cylinder.
- 16. (Original) The apparatus of claim 1 further comprising a drive cylinder for moving the movable arms.
- 17. (Original) The apparatus of claim 1 further comprising a remote control console for operating the movable arms, strap tensioner, and spinner means.
- 18. (Original) The apparatus of claim 1 wherein the latch mechanism can be remotely opened or closed.
- 19. (Original) The apparatus of claim 17 wherein the remote control console is hydraulically actuated.
- 20. (Original) The apparatus of claim 1 further comprising a wrenching cylinder connecting the rotary and fixed grip heads wherein operation of the wrenching cylinder transmits the final make-up torque to the rotary grip head.
- 21. (Original) The apparatus of claim 1 wherein the drive wheels are hydraulically actuated.
- 22. (Original) The apparatus of claim 16 wherein the drive cylinder for the movable retaining arms is hydraulically actuated.
- 23. (Original) The apparatus of claim 20 wherein the wrenching cylinder is hydraulically actuated.
- 24. (Original) The apparatus of claim 1 further comprising a support frame for supporting the rotary and fixed grip heads, the movable arms and the spinner means.

- 25. (Original) The apparatus of claim 20 wherein the final make-up torque ranges from the initial make-up torque valve to about 150,000 foot pounds.
- 26. (Original) The apparatus of claim 1 wherein the rotary grip head further comprises one or more die blocks for gripping the second joint of casing.
- 27. (Original) The apparatus of claim 1 wherein the fixed grip head further comprises one or more die blocks for gripping the first joint of casing.
- 28. (Original) The apparatus of claim 2 further comprising a pivotable inner latch arm for supporting an inner strap and an inner latch, and a pivotable outer latch arm for supporting an outer strap and an outer latch, wherein both latch arms are movable between a first position where the inner and outer latches may be latched together engaging the inner and outer straps to the casing, and a second position wherein the inner and outer straps and the inner and outer latches are released from the second joint of conductor casing.
- 29. (Original) The apparatus of claim 3, further comprising a pivotable inner latch arm for supporting an inner strap and an inner latch, and a pivotable outer latch arm for supporting an outer strap and an outer latch, wherein both latch arms are movable between a first position where the inner and outer latches may be latched together engaging the inner and outer straps to the casing, and a second position wherein the inner and outer straps and the inner and outer latches are released from the first joint of conductor casing.
- 30. (Currently amended)) An apparatus for making up jointed pipe with threaded connections comprising:

a means for gripping a first joint of pipe to prevent rotation thereof,

- a spinner means having one or more drive wheels operable to rotationally make-up a threaded connection between a second joint of pipe and the first joint of pipe to an initial make-up torque,
- a means for applying a retaining force to the second joint of pipe to maintain the second joint of pipe in rotational contact with the drive wheels of the spinner means, and a second means for gripping the second joint of pipe and operable to apply a final make-up torque to the threaded connection-;
- wherein the means for gripping the first and second joints of pipe may be telescopically extended to close about the pipe.
- 31. (Original) The apparatus of claim 30 wherein the means for gripping the second joint of pipe includes a pair of straps for gripping the pipe.
- 32. (Original) The apparatus of claim 31 wherein one end of each of the straps is attached to a strap tensioner cylinder, operable to tension the straps.
- 33. (Original) The apparatus of claim 32 wherein the other end of each strap is attached to a latching mechanism.
- 34. (Original) The apparatus of claim 30 wherein the means for gripping the first joint of pipe includes a pair of straps for gripping the pipe.
- 35. (Original) The apparatus of claim 34 wherein one end of each of the straps is attached to a strap tensioner cylinder, operable to tension the straps.
- 36. (Original) The apparatus of claim 35 wherein the other end of each strap is attached to a latching mechanism.
- 37. (Cancelled)

- 38. (Original) The apparatus of claim 30 wherein the means for gripping the first and second joints of pipe further incorporates one or more die blocks for gripping the pipe.
- 39. (Original) The apparatus of claim 30 further comprising a wrenching cylinder connecting the means for gripping the first and second joints of pipe wherein operation of the wrenching cylinder transmits the final make-up torque to the threaded connection.
- 40. (Original) The apparatus of claim 30 further comprising a support frame for supporting the means for gripping the first and second joints and the spinner means.
- 41. (Original) The apparatus of claim 31 further comprising a pivotable inner latch arm for supporting an inner strap and inner latch, and a pivotable outer latch arm for supporting an outer strap and outer latch, wherein both latch arms are movable between a first position where the inner and outer latches may be latched together engaging the inner and outer straps to the casing, and a second position wherein the inner and outer straps and the inner and outer latches are released from the second joint of pipe.
- 42. (Original) The apparatus of claim 34 further comprising a pivotable inner latch arm for supporting the inner strap and inner latch, and a pivotable outer latch arm for supporting the outer strap and outer latch, wherein both latch arms are movable between a first position where the inner and outer latches may be latched together engaging the inner and outer straps to the casing, and a second position wherein the inner and outer straps and the inner and outer latches are released from the first joint of pipe.
- 43. (Original) The apparatus of claims 30 or 34 wherein the straps are high tensile webbing straps capable of applying a torque of up to about 150,000 foot-pounds.
- 44. (Currently amended) A method for making up jointed pipe having threaded connections comprising:

gripping a first joint of pipe with a first gripping means to prevent rotation thereof, applying a retaining force to a second joint of pipe to maintain the second joint of pipe in contact with one or more drive wheels on a spinner means,

making up a threaded connection connecting the second joint of pipe to the first joint of pipe to an initial make-up torque with the spinner means, and

applying a final make-up torque to the threaded connection connecting the second joint of pipe to the first joint of pipe with a second gripping means, wherein the first and second gripping means and the spinner means are components of a single apparatus, and wherein the first and second gripping means may be telescopically extended to close about the pipe.

- 45. (Original) The method of claim 44 wherein the first gripping means comprises a pair of straps that are releasably connected by a latching mechanism to grip the first joint of pipe.
- 46. (Original) The method of claim 45 wherein the second gripping means comprises a pair of straps that are releasably connected by a latching mechanism to grip the second joint of pipe.
- 47. (Original) The method of claim 46 further comprising providing a pair of support arms for the first gripping means and a pair of support arms for the second gripping means.
- 48. (Original) The method of claim 44 wherein the step of applying a final make-up torque further comprises actuating a wrenching cylinder connected to the first gripping means to transmit the final make-up torque to the threaded connection.
- 49. (Original) The method of claim 48 further comprising hydraulically actuating the wrenching cylinder.
- 50. (Original) The method of claim 45 wherein the step of gripping a first joint of pipe further comprises hydraulically actuating a strap tensioner cylinder to tension the pair of straps.

- 51. (Original) The method of claim 45 further comprising tensioning the pair of straps to grip the second joint of pipe by hydraulically actuating a strap tensioner cylinder.
- 52. (Original) The method of claim 44 further comprising hydraulically actuating the one or more drive wheels on the spinner means to make up the threaded connection to the initial make-up torque.
- 53. (Original) The method of claim 48 further comprising applying a final make-up torque of up to 150,000 ft. pounds to the connection.
- 54. (Original) The method of claim 44 further comprising operating the components from a remote control console.
- 55. (Cancelled)
- 66. (Original) An apparatus for making up jointed pipe with thread connections comprising:
 a pair of gripping members for gripping a joint of pipe;
 - a remotely operated latching mechanism for connecting the gripping members, the

an inner latch,

latching mechanism comprising:

an outer latch, and

- a latch pin selectively moveable between an open position and a closed position, wherein in the closed position the pin secures the inner and outer latches together.
- 57. (Original) The apparatus of claim 56 further comprising a latch cylinder operable to move the latch pin between the open and closed positions.

58. (Original) The apparatus of claim 56 further comprising a switch which indicates when the inner and outer latches are aligned and together so the latch pin may be moved to the closed position.

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- 59. (Original) The apparatus of claim 57 further comprising a latch cylinder guide rod operable to guide the latch pin into a mating receptacle when the latch pin is moved to a closed position.
- 60. (Original) The apparatus of claim 56 wherein the gripping members are webbed straps.
- 61. (Original) The apparatus of claim 56 further comprising a hydraulic cylinder attached to the end of one of the gripping members, the hydraulic cylinder operable to tension the gripping members when the inner and outer latches are latched together.
- 62. (Original) The apparatus of claim 56 wherein the apparatus is hydraulically operated from a remote control console.
- 63. (Currently amended) A method for making up jointed conductor pipe having threaded connections comprising:
 - providing an apparatus having a spinner means, a fixed grip head and a rotary grip head; stabbing the <u>a</u> pin end of a first joint of conductor pipe into the <u>a</u> box end of a second joint of conductor pipe;
 - closing arms on the spinner means about the first joint of pipe to align the apparatus about the conductor pipe;
 - latching a pair of gripping members of the fixed grip head together about the second joint of pipe;
 - tensioning the gripping members of the fixed grip head to prevent rotation of the second joint of pipe;

making up the threaded connection by rotating the first joint of pipe with the spinner means to an initial make up torque;

latching a pair of gripping members of the rotary grip head about the first joint of pipe; and

tensioning the gripping members of the rotary grip head and applying a final make-up torque to the threaded connection.